SEQUENCE LISTING

<110> Allegheny-Singer Research Institute
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Gladitz, John
Erdos, Geza
Hu, Fen Z

<120> Selected Nucleotide Sequences Isolated From Pathogenic Strains Of Haemoophilus Influenzae

<130> AHS-20

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<170> PatentIn version 3.2

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<223> n is a, c, g, or t

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aaaacgagaa agttttctta gcgggtgtcg cagaacaaga aggcaagcta gtcacaaacg 180

gcggtcgtgt actttgtgtg actgcgttag gcgaaagtgt atttgaagca caacaaaaag 240

cgttaaaatt ggctgagcaa attcaatggt ctgggcgttt ttatcgtcga gacattggtt 300

acagggctgt ggaacgagaa caagcaaaat agttagaaat cttgttgaat ttaattagat 360

aaaaaatatt gtacagggta gaattgtatt ttcctaggat ttaggatttt gttagggcaa 420

cgtttacgat tgctctgaca ataaattaga attattattt ttgttacttt atgaggttat 480

atcaacttat gcgacaattt gtcatcgtag tattatattc tgcaattctt ctttcattag 540

aagttattta tagaaaatta tttaatattt ctagtattga gagatacact gaaagttatt 600

tgtctgtttg tttgtttgtt tgtttgtttg ttttttcaaa atatagaatt acaagaatat 660

tagttggcgc tttatttgca ataagtattg ttgttaataa tgtacattat gcagtatacc 720

aatcttggat tggacctgtt aattactcac ttgcatttaa agaaattaat gagataacaa 780

atgctggctt aacaatgata gataaattca tatatccatt gttatttggt ttatttgaag 840

ttgctgtgtt tttaagttta agtttcataa aaagaaaagt atataaactt tcttggattt 900

ttgactttat tttttatgct gtgatgatgt atgtttttgt tcgagcgtat acaacaaaat 960

cccatgagcg ttttatttca cctaacactg tttattctcg attaaaatcc aattatttat 1020

cgttgggtta ttttatagga cgaattgttc cttatgagat attttcttta tctaatattc 1080

ctctttatca taaatctaag cctatgaaat cgggctctcc gvaaaattma rgaatataat 1140

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aaacatctcc ttttttagat agcttaaaat ataaatcagg agctcttgtt ggtaaaactt 1260

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gagattcaat gcctgataat aaattacttc ctgcttttaa aaatattaat ttagataatg 1560

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<212> DNA
<213> Haemophilus influenzae

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cctgcaaaaa tggtcattaa ccaagtaatc attggcgcaa taaaatttat atgtttgggr 180

tttttacgsa ttaatctttc tgcataatta actaagratg ccattccccc tgtagcttgc 240

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cctattggta gtcttaaacc caacgttaag rtagcaagtc caagaccacc aaataaacca 360

atggcaatac ctccaaatct aaggccaagt acaatagagg ctagarcaac aaaratttca 420

acccmgacca taatcatctc cttaatcaat gagtttgata ccaacgmata gcagctctaa 480

ctaatgctgc tgtagartcc tcataaagta taggttgctc tctcattgca ttttttagga 540

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cacgttgtat taacattaat tcttcagctt tttgaatctc tccgctctta tataaataaa 660

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agaaatgcaa caaatcgcac gccaatgcaa atattgcata gcataaattg cgcacattac 1260

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gcagaacata gaaatttatc gcaatcagct tttagccgga gaataatttc tcttgaagaa 1500

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<211> 950
<212> DNA
<213> Haemophilus influenzae

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cccatgtcgg tgcggaggtg catcgcggcc aaccgctctt gaccgccgaa ctgcctgaaa 180

ccggcgaacg cttcgagggc atcctgccgc ccgccgcacc cggcccggcc cggcctttgc 240

gctgcgcaag cgtgccgtga gcatcatcgg tctggatcgc tatgtggctg atggcatcct 300

gaccactggg caggccgagt ttctgcgtca tgccgtgcgc gagcggcaca acatcctgat 360

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cgccaccggc gaccgcgtgc tggtgctcga agacaccatc gaactgcaat gcgcggcccg 480

cgaccatgtg ccgctgcgca cccgcgccgg cgtcgtgtcc atgaccgagc tggtgcgggc 540

cacgatgcgc ctgcggcccg accgcgtgat cgtcggcgaa gtgcgcggcg gcgaagcgct 600

ggatctggtg aaggtctggg gcaccggcca ccccggcggc atcgccacca ttcatgccgg 660

ctccgcgttg ggcgcgctgc tgcgcctgga gcaactgatc ctcgaagtgg cggtgaatcc 720

gccccgcgcc ctgatcgccg aggcggtcaa tgtcgtgatc cacatcgcag gccgcggccg 780

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<213> Haemophilus influenzae

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catcatcatt cggcgcctca tcttttaatt tttttaattt tattaacttc acctttgtac 240

caatcactgt catttcatct ttagtttctt tattatgctc ttgcaataat tgctcggctt 300

tattttcatc ttttaccgtg ccaattccca aaatataaag aatagctaat tcacgataaa 360

cgctatttgg acgaaatcga ttattttcta cttgtctaaa caccgcaggt tgatggtgta 420

atagactgct tttataggct ttatccaacc aataaaacgc cttttcccaa tctggtttaa 480

tattatcatt accatcaaaa taccaacgcc ctaactgtgc ttccgccatt ggataaccat 540

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catctatagm caagaatcat tttggcaaaa ttatcgcccg catccgcagc cattttcata 660

taatgttttg acgattcttt atttcctttg tcattataaa tggttgccaa accacgatat 720

gccaacggat aattttgatt gctggcttta agaaaccact ctgtcgctaa atttttttga 780

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